**SECTION I**

**MANUFACTURER'S NAME**
IPS Corporation

**ADDRESS**
17109 S. Main St., P.O. Box 379, Gardena, CA. 90248

**TRANSPORTATION EMERGENCIES:**
CHEMTREC: (800) 424-9300

**MEDICAL EMERGENCIES:**
3 E COMPANY (24 Hour No.) (800) 451-8346
Business: (310) 898-3300

**CHEMICAL NAME and FAMILY**
Adhesive Bonding Primer for PVC Plastic Pipe
Mixture of PVC Resin and Organic Solvents

**TRADE NAME:**
WELD-ON PC-64 Primer/Cleaner for PVC/CPVC Plastic Pipe

**FORMULA:** Proprietary

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**SECTION II - HAZARDOUS INGREDIENTS**

None of the ingredients below are listed as carcinogens by IARC, NTP or OSHA.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>APPROX %</th>
<th>ACGIH-TLV</th>
<th>ACGIH-STEL</th>
<th>OSHA-PEL</th>
<th>OSHA-STEL</th>
<th>(A) AEL</th>
<th>(B) STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone (MEK)</td>
<td>78-93-3</td>
<td>4 - 14*</td>
<td>200 PPM</td>
<td>300 PPM</td>
<td>200 PPM</td>
<td>300 PPM</td>
<td></td>
</tr>
<tr>
<td>Tetrahydrofuran (THF)**</td>
<td>109-99-9</td>
<td>5 - 15</td>
<td>200 PPM</td>
<td>250 PPM</td>
<td>200 PPM</td>
<td>250 PPM</td>
<td>50 PPM</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>60 - 80</td>
<td>750 PPM</td>
<td>1000 PPM</td>
<td>750 PPM</td>
<td>1000 PPM</td>
<td></td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>108-94-1</td>
<td>2 - 17</td>
<td>20 PPM Skin</td>
<td>50 PPM</td>
<td>50 PPM Skin</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All of the constituents of Weld-On adhesive products are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that list.

* Title III Section 313 Supplier Notification: This product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.

(A) Dupont and BASF Acceptable Exposure Limit (AEL) guidelines for 8 hour and 12 hour TWA.  
(B) Dupont/BASF recommended STEL for 15 minute TWA.

**BULK SHIPPING INFORMATION / CONTAINERS LARGER THAN ONE LITER**

- DOT Shipping Name: Flammable Liquid, n.o.s.  
- (Methyl Ethyl Ketone, Acetone)  
- DOT Hazard Class: 3  
- Identification Number: UN 1993  
- Packaging Group: II  
- Label Required: Flammable Liquid  
- SPECIAL HAZARD DESIGNATIONS:  
  - HMIS: 2 - HEALTH  
  - NFPA: 3 - FIREFIGHTING  
  - HAZARD RATING: B - HANDLING  

**SHIPPING INFORMATION FOR CONTAINERS LESS THAN ONE LITER**

- DOT Shipping Name: Consumer Commodity  
- DOT Hazard Class: ORM-D  
- SHIPMENT INFORMATION:  
  - B = Eye, Hand/Skin (for normal solvent-welding activities)  
  - H = Eye, Hand/Skin, Respiratory Protection and Impermeable Apron (splash/immersion risks)  

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**SECTION III - PHYSICAL DATA**

- APPEARANCE: Purple or clear, thin liquid  
- ODOR: Ethereal  
- BOILING POINT (°F/°C): 133°F (57°C) Based on first boiling component: Acetone  
- SPECIFIC GRAVITY @ 73°F ± 3.6°F (23°C ± 2°C): Typical 0.813 ± 0.040  
- VAPOR PRESSURE (mm Hg.): 190 mm Hg. based on first boiling component, Acetone @ 68°F (20°C)  
- PERCENT VOLATILE BY VOLUME (%): 100%  
- VAPOR DENSITY (Air = 1): 2.0  
- EVAPORATION RATE (BUAC = 1): 6-11  
- SOLUBILITY IN WATER: Completely soluble in water.  

**VOC STATEMENT:** Maximum VOC emissions when applied and tested per SCAQMD Rule 1168, Test Method 316A: 550 Grams/Liter (g/l).

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

- FLASH POINT: -6°F (-21°C) T.C.C. Based on Acetone  
- FLAMMABLE LIMITS (PERCENT BY VOLUME): LEL 2.1 UEL 13.0  
- FIRE EXTINGUISHING MEDIA: Ansl "Purple K" potassium bicarbonate dry chemical, any appropriately sized ABC dry chemical, carbon dioxide or foam extinguisher can be used for small fires. Use of a water fog by trained personnel can extinguish small/large fires.  
- SPECIAL FIRE FIGHTING PROCEDURES: Evacuate enclosed areas. Stay upwind. Close quarters or confined spaces require self-contained breathing apparatus, positive pressure hose masks or airline masks. Use of a water fog by trained personnel can extinguish small/large fires and avoid water flow or water streams/spray distributing burning material or contaminated water over a large area or into sewers or storm drains. Use water spray to cool containers, to flush spills from source of ignition and to disperse vapors.  
- UNUSUAL FIRE AND EXPLOSION HAZARDS: Fire hazard because of low flash point and high volatility. Vapors are heavier than air and may travel to source(s) of ignition at or near ground or lower level(s) and flash back.
SECTION V - HEALTH HAZARD DATA

EFFECT OF OVEREXPOSURE

ACUTE:
Inhalation: Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.
Skin Contact: Skin irritant. Liquid contact may remove natural skin oils resulting in skin irritation. Dermatitis may occur with prolonged contact.
Skin Absorption: Prolonged or widespread exposure may result in the absorption of harmful amounts of material.
Eye Contact: Overexposure may result in severe eye injury with corneal or conjunctival inflammation on contact with the liquid. Vapors slightly uncomfortable.

INGESTION: Moderately toxic. May cause nausea, vomiting, diarrhea. May cause mental sluggishness.

CHRONIC: High vapor concentrations may produce CNS depression. Depression may be evidenced by headache, dizziness and nausea. Aspirated material may cause severe lung damage and present a significant hazard.

SECTION VI - REACTIVITY

STABILITY UNSTABLE CONDITIONS TO AVOID
STABLE Keep away from heat, sparks, open flame and other sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID) Caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates.

HAZARDOUS DECOMPOSITION PRODUCTS
When forced to burn, this product gives out carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION MAY OCCUR CONDITIONS TO AVOID
WILL NOT OCCUR X Keep away from heat, sparks, open flame and other sources of ignition.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Eliminate all ignition sources. Avoid breathing of vapors. Keep liquid out of eyes. Flush with large amount of water. Contain liquid with sand or earth. Absorb with sand or nonflammable absorbent material and transfer into steel drums for recovery or disposal. Prevent liquid from entering drains.

WASTE DISPOSAL METHOD

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)
Atmospheric levels should be maintained below established exposure limits contained in Section II. If airborne concentrations exceed those limits, use of a NIOSH approved organic vapor cartridge respirator with full face-piece is recommended. The effectiveness of an air purifying respirator is limited. Use it only for a single short-term exposure. For emergency and other conditions where short-term exposure guidelines may be exceeded, use an approved positive pressure self-contained breathing apparatus.

VENTILATION
Use only with adequate ventilation. Provide sufficient ventilation in volume and pattern to keep contaminants below applicable exposure limits set forth in Section II. Use only explosion proof ventilation equipment.

PROTECTIVE GLOVES PVA coated rubber gloves for frequent dipping/immersion. Use of latex/nitrile surgical gloves or solvent resistant barrier creme should provide adequate protection when normal solvent-cement welding practices and procedures are used for solvent welding of plastic sheet/pipe joints.

EYE PROTECTION Splashproof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as appropriate for exposure.

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES
Impervious apron and a source of running water to flush or wash the eyes and skin in case of contact.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store in the shade between 40°F - 110°F (5°C - 43.7°C). Keep away from heat, sparks, open flame and other sources of ignition. Avoid prolonged breathing of vapor. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Train employees on all special handling procedures before they work with this product.

OTHER PRECAUTIONS
Follow all precautionary information given on container label, product bulletins and our solvent cementing literature. All material handling equipment should be electrically grounded.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.